



CASE HISTORY

SAFEBASE™ PUSH PIERS AND HELICAL TIEBACKS

RETAINING WALL STABILIZATION WITH PUSH PIERS AND HELICAL TIEBACKS - APOLLO BEACH, FL



Midstate Concrete Leveling and Lifting was contacted with concerns regarding a retaining wall that was settling and sliding away from the home. A solution was made to support the footing of the retaining wall with SafeBase™ Push Piers, and to keep it from sliding with SafeBase™ Helical Tiebacks. Holes were pocket dug beneath the footing of the existing retaining wall and then helical tie backs were installed using handheld equipment in the limited area between the wall and the water. An adapter was installed on the end of the tieback



that connected to an all-threaded rod. SafeBase™ Push Piers were then installed inline with the helical tiebacks and the pier bracket adapter was installed to restrain the SaberTooth™ Push Pier bracket. With the helical piers and push piers in place the footing can longer settle or slide away from the home towards the water. A total of eight helical tiebacks and push piers were installed in February of 2022.



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